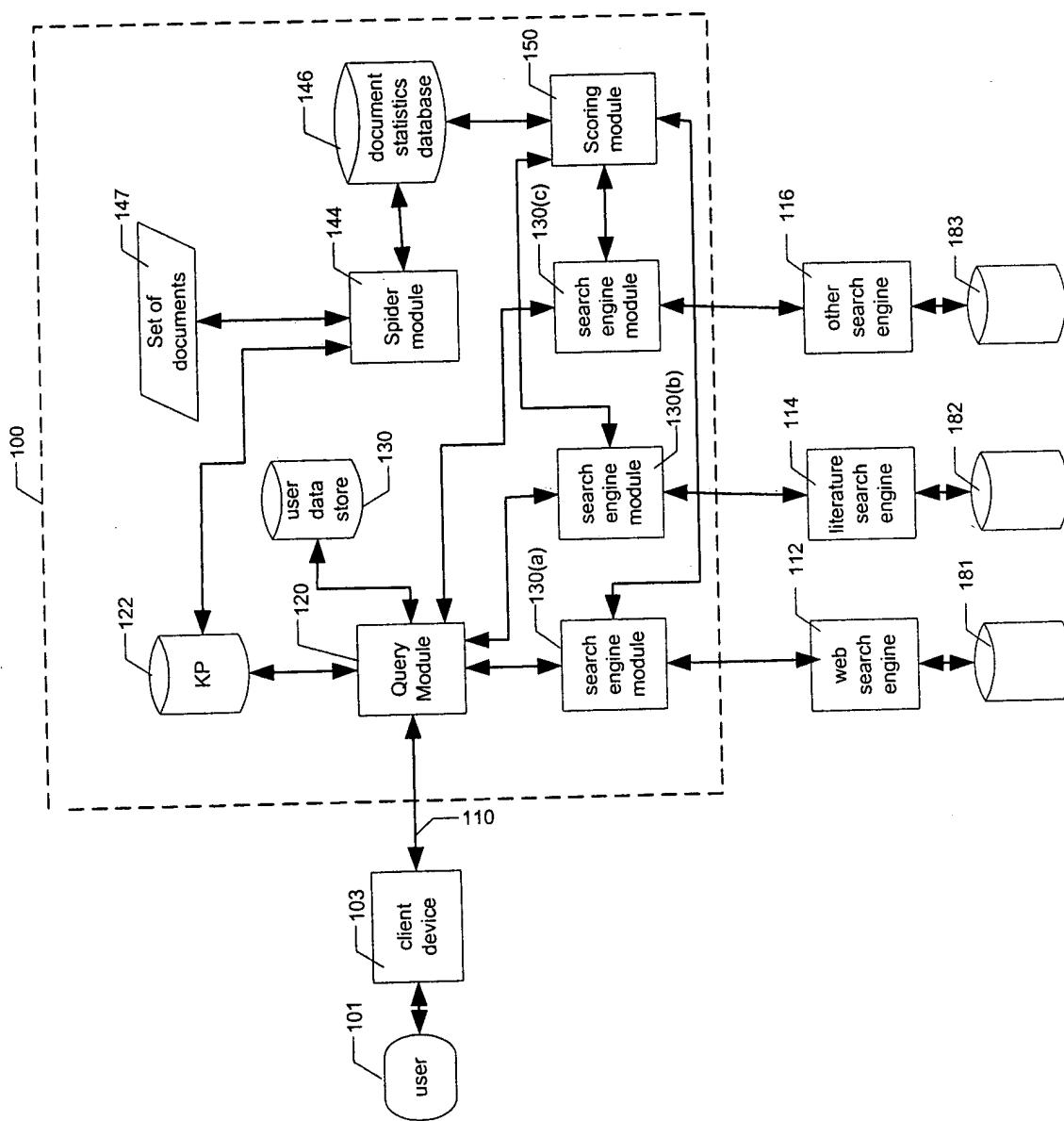


FIG. 1



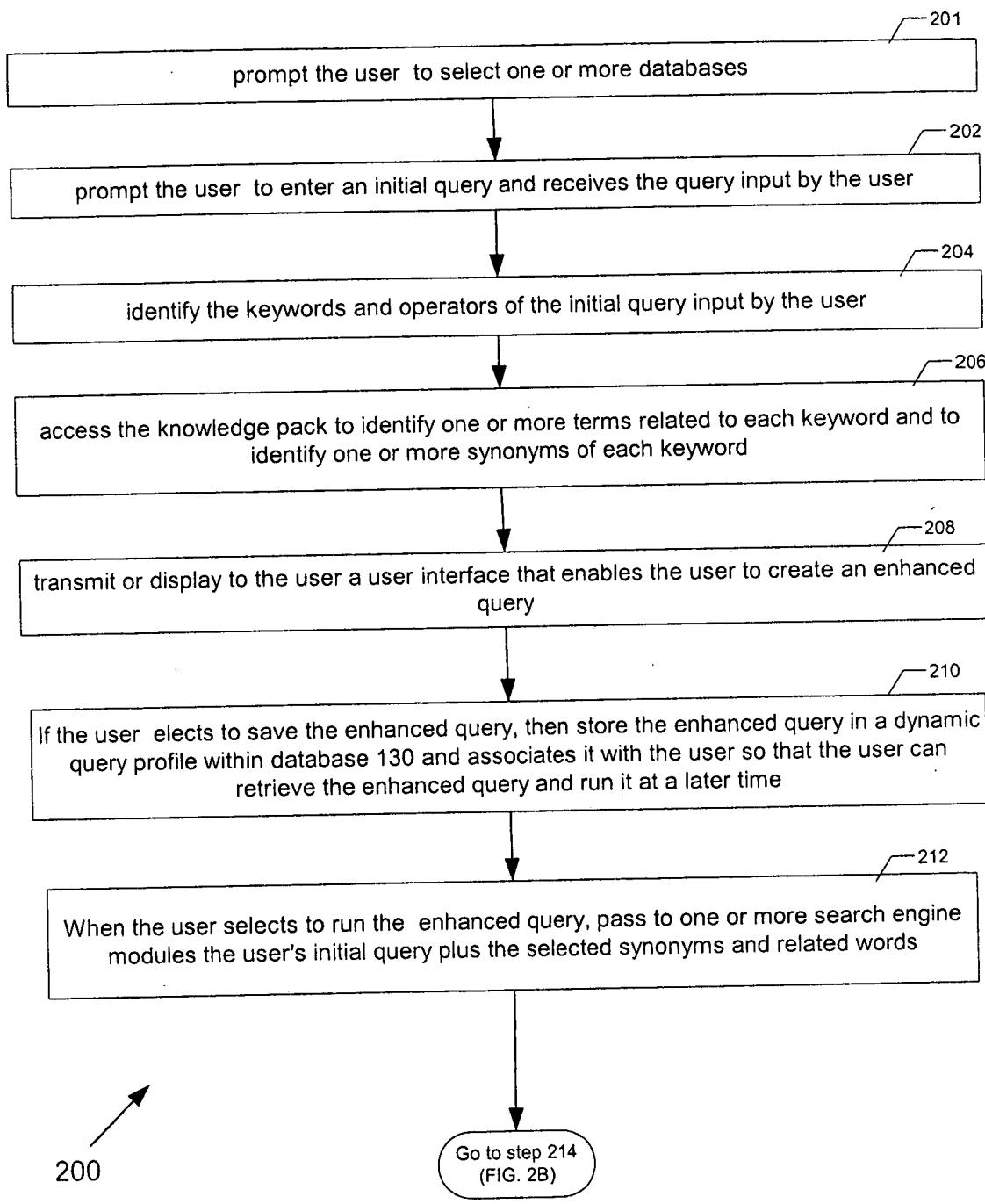
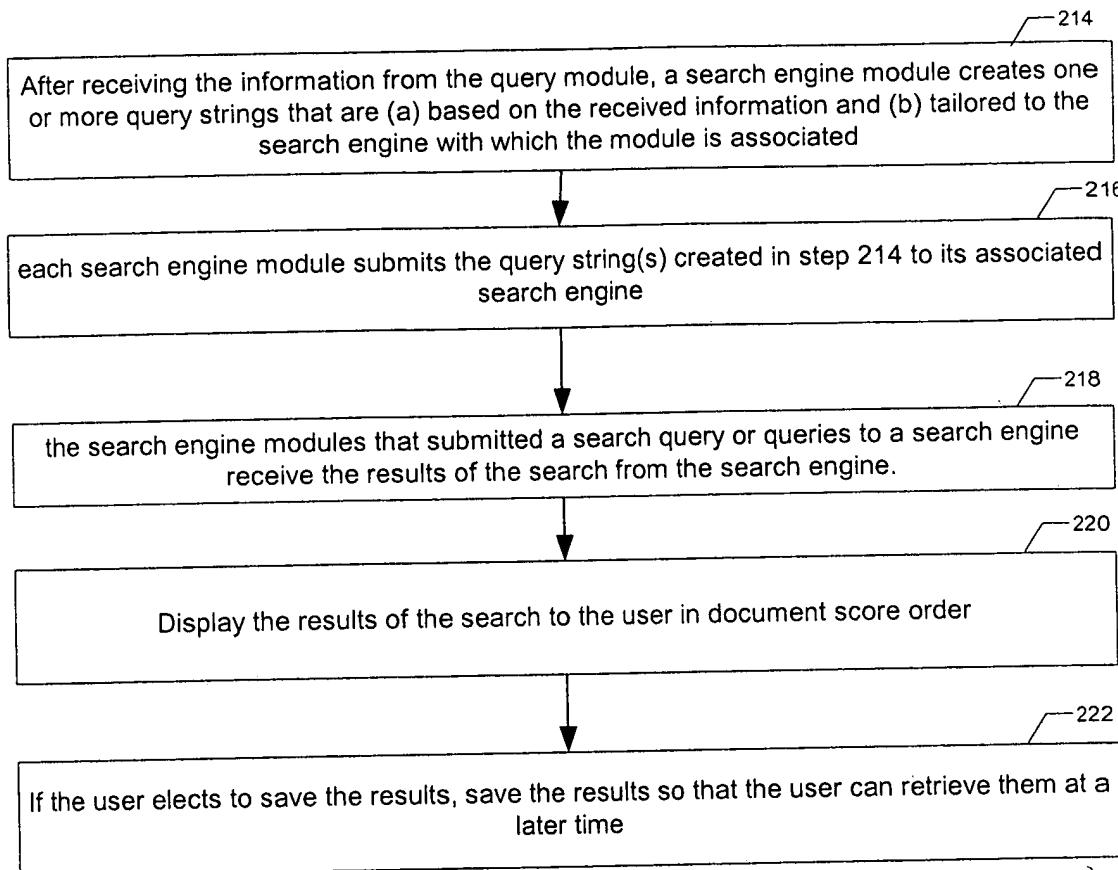


FIG. 2A



300

Enter Query: **Keyword 1 AND Keyword 2**

Select One or More Databases:

World-Wide-Web

Literature Database

Other Databases

<input type="checkbox"/> Patent Database	<input type="checkbox"/> Sequence Database	<input type="checkbox"/> Taxonomy Database
<input type="checkbox"/> Clinical Trial Database	<input type="checkbox"/> Structure Database	<input type="checkbox"/> Metabolic Pathway Database
<input type="checkbox"/> Signal Transduction Database		

332

Search

334

FIG. 3

400

1st Keyword: Key 1 weight

Synonyms: syn 1 weight

syn 2 weight

syn Y weight

Related Terms: term 1 weight

term 2 weight

term N weight

2nd Keyword: Key 2 weight

Synonyms: syn 1 weight

syn 2 weight

syn Y weight

Related Terms: term 1 weight

term 2 weight

term N weight

Run Query

Save & Run
Query

FIG. 4

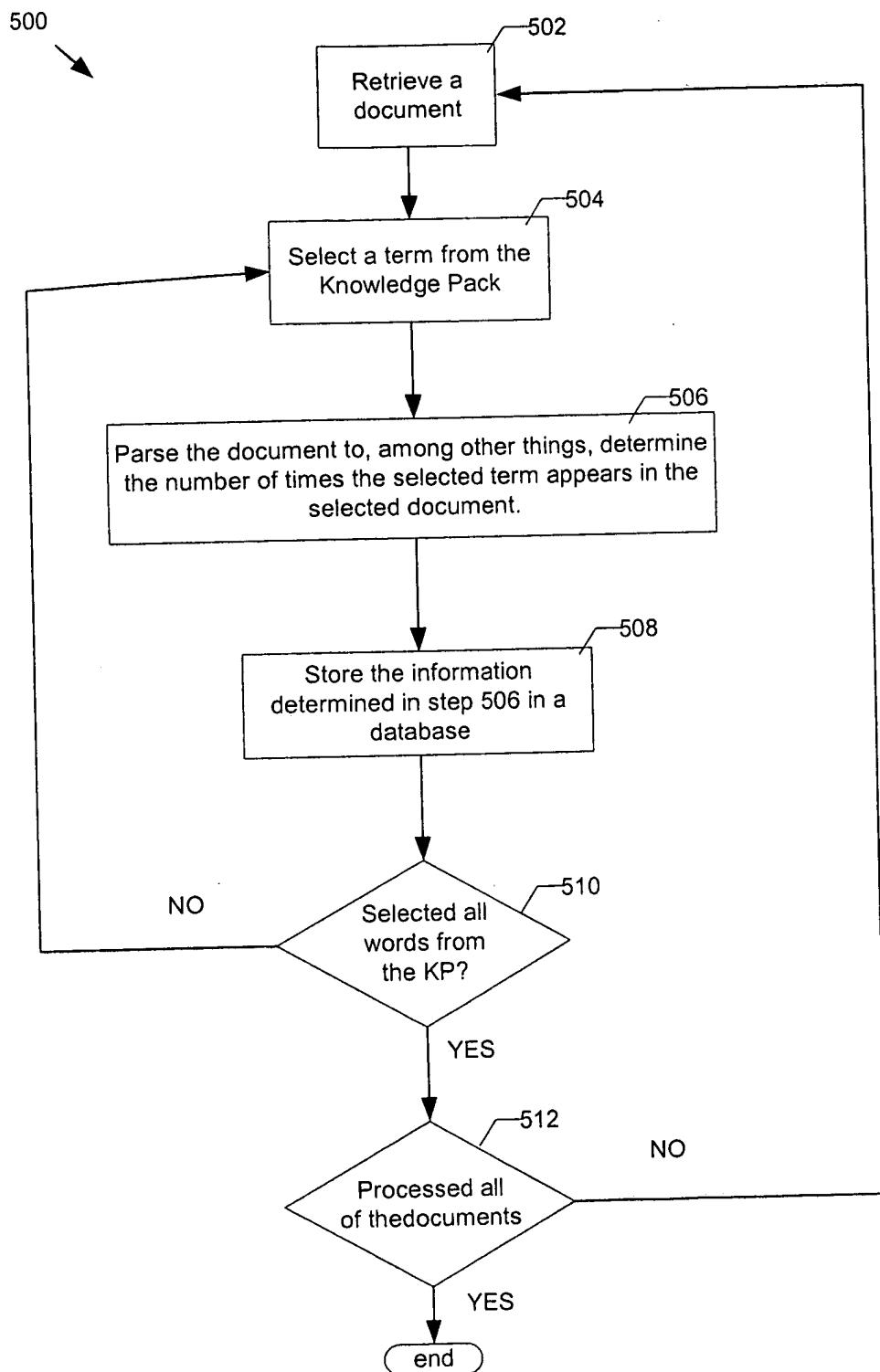


FIG. 5

600

Doc ID	KP Term	In Title?	In Figure Legend?	Abstract Frequency	Main Body Frequency
Doc #1	Term 1	Yes	No	0	7
Doc #1	Term 12	No	Yes	0	2
Doc #1	Term 23	No	Yes	0	2
Doc #1	Term 44	No	No	3	15
Doc #1	Term 100	No	No	2	13
Doc #2	Term 10	No	No	1	34
...					
Doc #N	Term 12834	No	No	2	12

FIG. 6

Figure 7 consists of two tables, M1 and M2, showing the distribution of related words in abstracts and documents. The tables are arranged side-by-side. Each table has a header row and a row for 'Number of Related Words in the Abstract' or 'Number of Related Words in the Document'. The data is presented in a grid format with columns for ranges of keyword counts and rows for ranges of related word counts.

M1 Number of Keywords in the Abstract

		<3	2><5	4><10	>9
<4		0.2	0.3	2.0	2.5
3><7		2.5	2.6	4.7	5.2
6><11		5.0	5.0	9.7	10.3
>10		10.0	12.0	13.0	15.0

M2 Number of Keywords in the Document

		<15	14><25	24><51	>50
<17		0.2	0.3	1.0	3.5
16><30		2.5	2.6	3.7	6.2
29><60		5.0	5.0	6.7	13.3
>59		10.0	12.0	11.0	17.0

FIG. 7

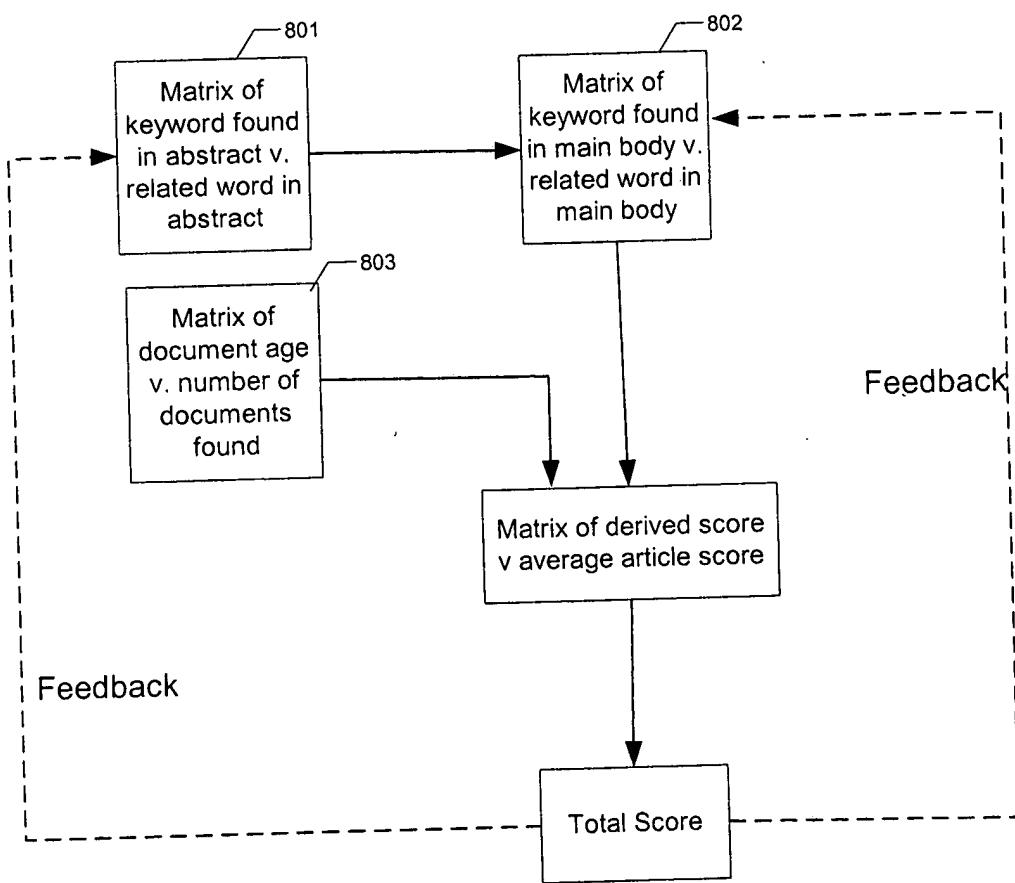


FIG. 8

Document ID: Doc #1
Title: Document title
Score: 24
Document Date: 31 Oct. 2002
Total words: 6942
Abstract Frequency: HIV(3), AIDS(5)
Main Body Frequency: HIV(34), AIDS(45)
Legend: HIV, AIDS
Other scientific terms: RT(57), 3TC(44), Resistance(43), M184I(35), Complex(32) ...

Document ID: Doc #312
Title: Document title
Score: 22
Document Date: 01 Nov. 1967
Total words: 7364
Abstract Frequency: HIV(1), AIDS(1)
Main Body Frequency: HIV(23), AIDS(34)
Legend: HIV
Other scientific terms: RT(57), 3TC(44), Resistance(43), Model(25), Inhibitor(21) ...

Document ID: Doc #121
Title: Document title
Score: 19
Document Date: 13 May 1999
Total words: 324
Abstract Frequency: HIV(2), AIDS(1)
Main Body Frequency: HIV(14), AIDS(8)
Legend: AIDS
Other scientific terms: CDNA(100), NNRTI(35), Structure(29), Crystal(14) ...

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•
•

FIG. 9

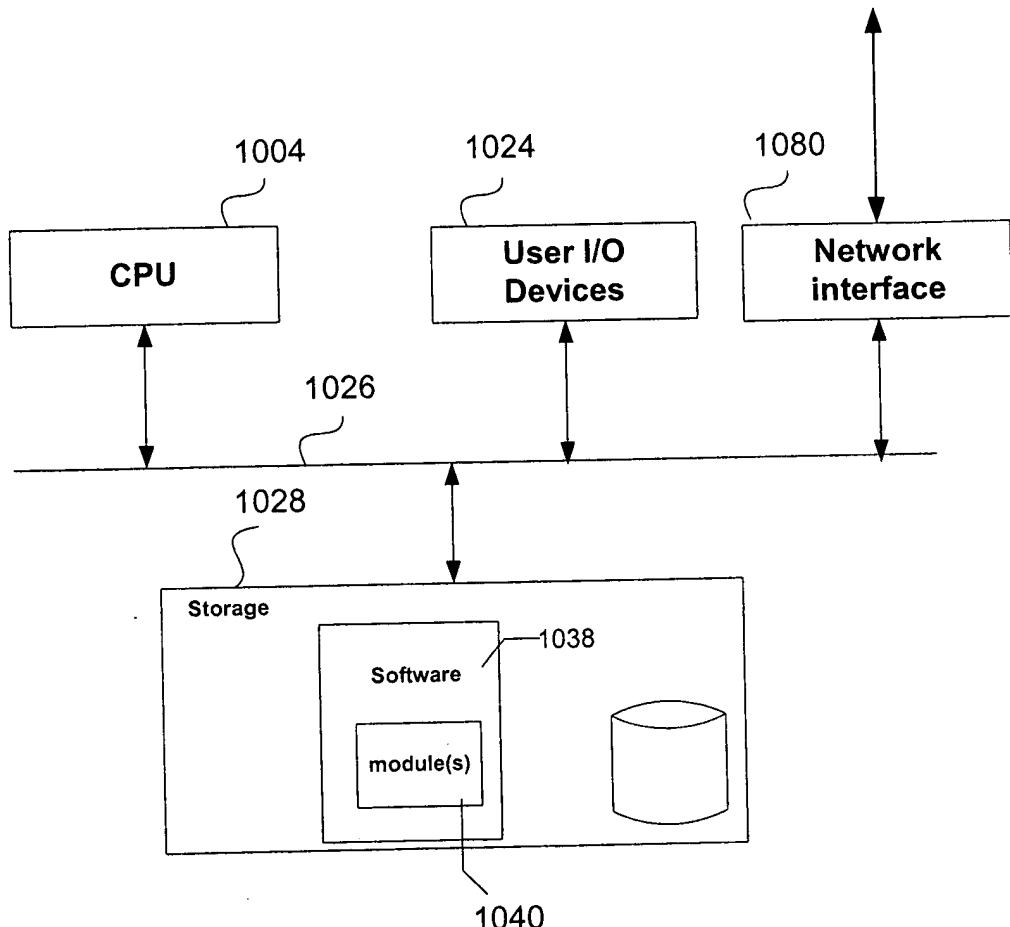


FIG. 10